MOLECULAR PHYSICS, 1991, VOL. 72, NO. 6, 1431–1437

Index of Authors

with the titles of papers

ADAM, C. D., *see* Michopoulos, Y.
ALBERT, I. D. L., *see* Ramasesha, S.
ALIOTTA, F., *see* Maisano, G.
ALTONA, C., *see* Krol, M. C.
ATKINSON, R. A., CLIFFORD, P., and GREEN, N. J. B.: Correlation effects in simple liquids, 363

BAKKER, A. F., *see* Nijmeijer, M. J. P.
BARANYAI, A., and EVANS, D. J.: Calculation of equilibrium entropy differences from non-equilibrium molecular dynamics simulations, 229
BARROW, R. F., HOWARD, B. J., BERNARD, A., and EFFANTIN, C.: The $A'^2\Delta$–$X^2\Sigma^+$ transition in BaH, 971
BEATTIE, I. R., JONES, P. J., and YOUNG, N. A.: Nickel dichloride: A nonlinear molecule in a nitrogen matrix? Implications for structure determinations in cryogenic matrices, 1309
BELTON, P. S., RING, S. G., BOTHAM, R. L., and HILLS, B. P.: Multinuclear NMR studies of water in solutions of simple carbohydrates. II. Oxygen-17 relaxation, 1123
BENAVIDES, A. L., *see* Del Río, F.
BERNARD, A., *see* Barrow, R. F.
BHANUPRAKASH, K., HIRSCH, G., and BUENKER, R. J.: Dipole-forbidden transitions in Se_2: *ab initio* calculations of the radiative lifetimes of the $a'^1\Delta_g$ and $b'^1\Sigma_g^+$ states, 1187
BISHOP, D. M., and PIPIN, J.: Temperature-dependence of the dynamic dipole polarizability of H_2, 961
BOHLE, W., *see* Havenith, M.
BÖHM, M. C., and SCHÜTT, J.: On the location of π electrons in linear and cyclic hydrocarbons, 1159
BONE, R. G. A., ROWLANDS, T. W., HANDY, N. C., and STONE, A. J.: Transition states from molecular symmetry groups: Analysis of non-rigid acetylene trimer, 33
BOTHAM, R. L., *see* Belton, P. S.
BRAŃKA, A. C., and WOJCIECHOWSKI, K. W.: Monte Carlo simulation of hard cyclic pentamers in two dimensions. Equation of state and structural properties, 941
BROWN, J. M., *see* Petri, M.
BRUIN, C., *see* Nijmeijer, M. J. P.
BRUNET, J.-P., *see* Chapuisat, X.
BUENKER, R. J., *see* Bhanuprakash, K.
BÜRGER, H., *see* Lattanzi, F.

ÇAĞIN, T., and PETTITT, B. M.: Molecular dynamics with a variable number of molecules, 169
CARRINGTON, A., MCNAB, I. R., MONTGOMERIE-LEACH, C. A., and KENNEDY, R. A.: Vibration–rotation spectroscopy of the HD^+ ion near the dissociation limit. Part VI. Nuclear hyperfine interactions, 735
CAUSÀ, M., *see* Salasco, L.
CEULEMANS, R., and VOS, I.: The vibrations of annular and globular molecules: theory, 1051
CHALAM, M. K., *see* de Miguel, E.
CHAPUISAT, X., NAUTS, A., and BRUNET, J.-P.: Exact quantum molecular Hamiltonians. Part I. Application to the dynamics of three particles, 1
CHAPUISAT, X.: Exact quantum molecular Hamiltonians. II. On the choice of the moving frame of reference. The principal axis system, 1233
CHIHARA, H., *see* Inaba, A.
CHILD, M. S.: Analysis of a complex absorbing barrier, 89
CLARKE, S. M., *see* Inaba, A.
CLARKE, S. M., *see* Morishige, K.

CLARKE, S. M., and THOMAS, R. K.: The structure of a bromomethane monolayer adsorbed on graphite, 413
CLERBAUX, C., and COLIN, R.: The 3d Rydberg state of the BeH molecule, 471
CLIFFORD, P., *see* Atkinson, R. A.
COLIN, R., *see* Clerbaux, C.
CUMMINGS, P. T., *see* Evans, D. J.

DAVIS, H. T., *see* Mier-y-Teran, L.
DEL RÍO, F., and BENAVIDES, A. L.: On some properties of the hard-sphere radial distribution function, 307
DE MIGUEL, E., RULL, L. F., CHALAM, M. K., GUBBINS, K. E., and VAN SWOL, F.: Location of the isotropic–nematic transition in the Gay–Berne model, 593
DICKINSON, A. S., *see* McCourt, F. R. W.
DI LAURO, C., *see* Lattanzi, F.
DODD, L. R., and THEODOROU, D. N.: Analytical treatment of the volume and surface area of molecules formed by an arbitrary collection of unequal spheres intersected by planes, 1313
DORFMULLER, TH., *see* Strehle, F.
DOVESI, R., *see* Salasco, L.

EFFANTIN, C., *see* Barrow, R. F.
EGGENBERGER, R., GERBER, S., and HUBER, H.: The carbon dioxide dimer, 433
EL-SHEIKH, S. M., TABISZ, G. C., and ULIVI, L.: Three-body correlation spectra from collision-induced light scattering by SF_6 and CF_4, 345
ELY, J. F., *see* Rowley, R. L.
ERNST, R. R., *see* Schulte-Herbrüggen, T.
EVANS, D. J., *see* Baranyai, A.
EVANS, D. J., *see* Murad, S.
EVANS, D. J., and CUMMINGS, P. T.: Non-equilibrium molecular dynamics algorithm for the calculation of thermal diffusion in simple fluid mixtures, 893
EVANS, M. W.: Nuclear electromagnetic resonance spectroscopy, 1195

FINN, J. E., and MONSON, P. A.: Monte Carlo studies of selective adsorption on solid surfaces: adsorption from vapour mixtures, 661
FORESTER, T. R., and MCDONALD, I. R.: Molecular dynamics studies of the behaviour of water molecules and small ions in concentrated solutions of polymeric B-DNA, 643
FRANCISCO, J. S., and ZHAO, Y.: A re-examination of the heat of formation of HO_2 using *ab inito* molecular orbital theory, 1209
FRENKEL, D., *see* Kranendonk, W. G. T.

GEDANKEN, A., *see* Rodger, A.
GEERTSEN, J., ODDERSHEDE, J., and SABIN, J. R.: The quadrupole polarizability and spectral moments of the quadrupole oscillator strength distribution of N_2, 1267
GERBER, S., *see* Eggenberger, R.
GODBOLE, S. V., *see* Porwal, N. K.
GRAYCE, C. J., and HARRIS, R. A.: An electron gas calculation of the nuclear magnetic shielding tensor of $^3\Sigma_u^+$ H_2, 523
GREEN, K. A., and LUKS, K. D.: Robust solutions of the Yvon-Born-Green equation at very high densities. II. Long-range behaviour and solution multiplicity, 977
GREEN, N. J. B., *see* Atkinson, R. A.
GRICE, R., *see* Harkin, J. J.
GROCHULSKI, T., *see* Vij, J. K.
GUBBINS, K. E., *see* de Miguel, E.
GULDBRAND, L., *see* Nilsson, L. G.
GUNDU RAO, T. K., *see* Ravi Kumar, R.

HALL, C. K., *see* Yethiraj, A.
HANDY, N. C., *see* Bone, R. G. A.

HANLEY, H. J. M., *see* Murad, S.
HANLEY, H. J. M., *see* Straty, G. C.
HARKIN, J. J., SMITH, D. J., and GRICE, R.: Reactive scattering of a supersonic fluorine atom beam: F + $(CH_3)_3CI$, 95
HARKIN, J. J., SMITH, D. J., and GRICE, R.: Reactive scattering of a supersonic fluorine atom beam: F + C_3H_5I, 763
HARRIS, R. A., *see* Grayce, C. J.
HAVENITH, M., SCHNEIDER, M., BOHLE, W., and URBAN, W.: Sub-Doppler Faraday LMR spectroscopy: first applications to NO and DBr^+, 1149
HECHT, L., and NAFIE, L. A.: Theory of natural Raman optical activity. Part I. Complete circular polarization formalism, 441
HERMAN, M., HUET, T. R., KABBADJ, Y., and VANDER AUWERA, J.: *l*-type resonances in C_2H_2, 75
HILLS, B. P., *see* Belton, P. S.
HILLS, B. P.: Multinuclear NMR studies of water in solutions of simple carbohydrates. I. Proton and deuterium relaxation, 1099
HIRSCH, G., *see* Bhanuprakash, K.
HOWARD, B. J., *see* Barrow, R. F.
HUBER, H., *see* Eggenberger, R.
HUET, T. R., *see* Herman, M.
HUFNAGEL, F., *see* Vij, J. K.

INABA, A., CHIHARA, H., CLARKE, S. M., and THOMAS, R. K.: The structure and heat capacity of fluoromethane monolayers adsorbed on graphite, 109

JACKSON, G.: Theory of closed-loop liquid–liquid immiscibility in mixtures of molecules with directional attractive force, 1365
JANIK POLIKS, B., *see* Photinos, D. J.
JONES, P. J., *see* Beattie, I. R.

KABBADJ, Y., *see* Herman, M.,
KALEDIN, L. A., and SHENYAVSKAYA, E. A.: Further analyses of laser induced fluorescence and emission spectra of YF. New constants for the ground $X^1\Sigma$ state up to $v = 10$, 1205
KARLSTRÖM, G., *see* Woliński, K.
KENNEDY R. A., *see* Carrington, A.
KENYON, A. J., MCCAFFERY, A. J., and QUINTELLA, C. M.: Fluorescence depolarization as a probe of molecular dynamics within liquid jets, 965
KIMURA, Y., and YOSHIMURA, Y.: Solute–solute potential of mean force in simple fluids at infinite dilution, 279
KITTAKA, S., *see* Morishige, K.
KLEIN, H., *see* Rodger, A.
KOCOT, A., *see* Vij, J. K.
KOLAFA, J., and NEZBEDA, I.: Primitive models of associated liquids. Equation of state, liquid–gas phase transition, and percolation threshold, 777
KOMASA, J., *see* Paidarova, I.
KRANENDONK, W. G. T., and FRENKEL, D.: Computer simulation of solid–liquid coexistence in binary hard sphere mixtures, 679
KRANENDONK, W. G. T., and FRENKEL, D.: Free energy calculations for solid solutions by computer simulations, 699
KRANENDONK, W. G. T., and FRENKEL, D.: Thermodynamic properties of binary hard-sphere mixtures, 715
KREMP, D., *see* Sonnenburg, J.
KROL, M. C., and ALTONA, C.: Theoretical investigations of the nature of intramolecular interactions. IV. Transferability of non-orthogonal molecular orbitals and application to mono- and difluoromethane, 375

LABÍK, S., *see* Malijevský, A.
LADO, F.: Integrals over the triplet distribution function without the triplet distribution function, 1387

LAGO, S., *see* Vega, C.
LATTANZI, F., DI LAURO, C., and BÜRGER, H.: The high-resolution infrared spectrum of $H_3Si^{79}Br$ from 2100 to 2330 cm^{-1}. The ν_1 and ν_4 fundamentals, 575
LECHNER, R. E., *see* Steiner, Th.
LE FLOCH, A.: Revised molecular constants for the ground state of CO, 133
LESLIE, M., *see* Michopoulos, Y.
LINGAM, K. V., *see* Ravi Kumar, R.
LUKS, K. D., *see* Green, K. A.

MCCAFFERY, A. J., *see* Kenyon, A. J.
MCCOURT, F. R. W., VESOVIC, V., WAKEHAM, W. A., DICKINSON, A. S., and MUSTAFA, M.: Quantum mechanical calculations of effective collision cross-sections for He-N_2 interaction. Part I. Viscomagnetic effect, 1347
MCDONALD, I. R., *see* Forester, T. R.
MCNAB, I. R., *see* Carrington, A.
MÁDI, Z. L., *see* Schulte-Herbrüggen, T.
MAGAZÚ, S., *see* Maisano, G.
MAISANO, G., MAJOLINO, D., MIGLIARDO, P., VENUTO, S., ALIOTTA, F., MAGAZÚ, S., and VASI, C.: Hyperacoustic properties and local structure in hydrated molten salts, 547
MAJOLINO, D., *see* Maisano, G.
MAKOVSKY, N. N.: Structure of the surfactant–water interface, 235
MALIJEVSKÝ, A., LABÍK, S., and SMITH, W. R.: Prediction of the amorphous structure of the hard sphere system up to random close packing, 193
MALIJEVSKÝ, A., POSPÍŠIL, R., SMITH, W. R., and LABÍK, S.: The Ornstein–Zernike equation for hard spheres near a hard wall. A rapid method of numerical solution and an accurate new RHNC theory, 199
MAN, P. P.: Study of a spin-$\frac{3}{2}$ system by a spin–echo sequence, 321
MARCONI, U. M. B., and VAN SWOL, F.: Structure effects and phase equilibria of Lennard-Jones mixtures in a cylindrical pore. A non-local density-functional theory, 1081
MASTERS, A. J., *see* Whittle, M.
MAULWURF, M., *see* Stetter, M.
MERKT, F., and SOFTLEY, T. P.: Prediction of rotational line intensities in doubly-enhanced four-wave mixing (DEFMI) spectroscopy, 787
MICHOPOULOS, Y., ADAM, C. D., and LESLIE, M.: Atom–atom potentials and the crystal structure simulation of long linear chain carboxylic acids, 899
MIER-Y-TERAN, L., TANG, Z., DAVIS, H. T., SCRIVEN, L. E., and WHITE, H. S.: Non-local free-energy density-functional theory applied to the electrical double layer. Part II: 2:1 electrolytes, 817
MIGLIARDO, P., *see* Maisano, G.
MONSON, P. A., *see* Finn, J. E.
MONTGOMERIE-LEACH, C. A., *see* Carrington, A.
MORISHIGE, K., TAJIMA, Y., KITTAKA, S., CLARKE, S. M., and THOMAS, R. K.: The structure of chloromethane monolayers adsorbed on graphite, 395
MÜLLER, A., *see* Stetter, M.
MURAD, S., SINGH, D. P., HANLEY, H. J. M., and EVANS, D. J.: Thermal conductivity of a model diatomic fluid, 487
MUSTAFA, M., *see* McCourt, F. R. W.

NAFIE, L. A., *see* Hecht, L.
NARASIMHAN, P. T., *see* Reddy, R.
NAUTS, A., *see* Chapuisat, X.
NEZBEDA, I., *see* Kolafa, J.
NIJMEIJER, M. J. P., BRUIN, C., BAKKER, A. F., and VAN LEEUWEN, J. M. J.: A search for prewetting in a molecular dynamics simulation, 927
NILSSON, L. G., GULDBRAND, L., and NORDENSKIÖLD, L.: Evaluation of the electrostatic osmotic pressure in an infinite system of hexagonally oriented DNA molecules. A Monte Carlo simulation study, 177
NORDENSKIÖLD, L., *see* Nilsson, L. G.

ODDERSHEDE, J., *see* Geertsen, J.
ODDERSHEDE, J., *see* Paidarova, I.
ORLANDO, R., *see* Salasco, L.

PADRÓ, J. A., TRULLÀS, J., and SESÉ, G.: Computer simulation study of the dynamic cross-correlation in liquids, 1035
PAGE, A. G., *see* Porwal, N. K.
PAIDAROVA, I., KOMASA, J., and ODDERSHEDE, J.: Correlated calculations for the nuclear magnetic shieldings of CO and HCN, 559
PAVLIDES, P., PUGH, D., and ROBERTS, K. J.: Elastic constants of molecular crystals in the pair-potential rigid-molecule approximation, 121
PETRI, M., SIMON, U., ZIMMERMANN, W., URBAN, W., TOWLE, J. P., and BROWN, J. M.: Infrared diode laser spectroscopy of the ground state of GeH ($X\ ^2\Pi_{1/2}$), 315
PETTITT, B. M., *see* Çağın, T.
PHOTINOS, D. J., JANIK POLIKS, B., SAMULSKI, E. T., TERZIS, A. F., and TORIUMI, H.: n-Hexane proton dipolar couplings and the rotational isomeric state approximation, 333
PIEPER, J., *see* Straty, G. C.
PIPIN, J., *see* Bishop, D. M.
PORWAL, N. K., SASTRY, M. D., GODBOLE, S. V., and PAGE, A. G.: ESR and TSL studies of gamma-irradiated $K_2UO_2(SO_4)_2 \cdot 2H_2O$ and $Rb_2UO_2(SO_4)_2 \cdot 2H_2O$, 295
POSPÍŠIL, R., *see* Malijevský, A.
PUGH, D., *see* Pavlides, P.

QUACK, M., *see* Snels, M.
QUINTELLA, C. M., *see* Kenyon, A. J.

RAMAMOORTHY, A.: Double quantum nuclear quadrupole resonance spectroscopy of spin $I = 7/2$ nuclei in zero magnetic field, 1425
RAMASESHA, S., ALBERT, I. D. L., and SINHA, B.: Optical and magnetic properties of the exact PPP states of biphenyl, 537
RAVI KUMAR, R., LINGAM, K. V., and GUNDU RAO, T. K.: ESR and proton ENDOR studies in single crystals of ammonium hydrogen l-malate, 1299
REDDY, R., and NARASIMHAN, P. T.: Application of tensor operator formalism in pulsed nuclear quadrupole resonance spectroscopy. Part I: Spin $I = \frac{3}{2}$ case in zero field, 491
REDDY, R., and NARASIMHAN, P. T.: Application of tensor operator formalism in pulsed nuclear quadrupole resonance spectroscopy. Part II: Spin $I = \frac{3}{2}$ case in a weak Zeeman field, 509
REISS, H., *see* Speedy, R. J.
RING, S. G., *see* Belton P. S.
ROBERTS, K. J., *see* Pavlides, P.
RODGER, A., GEDANKEN, A., and KLEIN, H.: Circular dichroism of molecules requiring two substituents for chirality, 803
ROWLANDS, T. W., *see* Bone, R. G. A.
ROWLEY, R. L., and ELY, J. F.: Non-equilibrium molecular dynamics simulations of structured molecules. Part I. Isomeric effects on the viscosity of butanes, 831
RULL, L. F., *see* de Miguel, E.

SABIN, J. R., *see* Geertsen, J.
SADLEJ, A. J., *see* Woliński, K.
SAENGER, W., *see* Steiner, Th.
SALASCO, L., DOVESI, R., ORLANDO, R., CAUSÀ, M., and SAUNDERS, V. R.: A periodic *ab initio* extended basis set study of α-Al_2O_3, 267
SALECK, A. H., YAMADA, K. M. T., and WINNEWISSER, G.: Isotopic nitric oxide spectra and breakdown of the Born-Oppenheimer approximation, 1135
SAMIOS, J., *see* Strehle, F.
SAMULSKI, E. T., *see* Photinos, D. J.
SÄNDIG, R., *see* Sonnenburg, J.
SASSI, M. P., *see* Snels, M.
SASTRY, M. D., *see* Porwal, N. K.
SAUNDERS, V. R., *see* Salasco, L.

SCHAAF, P., *see* Talbot, J.
SCHNEIDER, M., *see* Havenith, M.
SCHULTE-HERBRÜGGEN, T., MÁDI, Z. L., SØRENSEN, O. W., and ERNST, R. R.: Reduction of multiplet complexity in COSY-type NMR spectra. The bilinear and planar COSY experiments, 847
SCHÜTT, J., *see* Böhm, M. C.
SCRIVEN, L. E., *see* Mier-y-Teran, L.
SESÉ, G., *see* Padró, J. A.
SHELLEY, V., and YARWOOD, J.: Raman spectroscopic studies on the interaction and dynamics of N,N-dimethylformamide in the liquid phase. The effect of isotopic dilution, 1407
SHENYAVSKAYA, E. A., *see* Kaledin, L. A.
SIMON, U., *see* Petri, M.
SINGH, D. P., *see* Murad, S.
SINHA, B., *see* Ramasesha, S.
SMITH, D. J., *see* Harkin, J. J.
SMITH, W. R., *see* Malijevský, A.
SNELS, M., SASSI, M. P., and QUACK, M.: High-resolution Fourier-transform infrared spectroscopy of the $\nu_3(F_2)$ fundamental of RuO_4, 145
SOFTLEY, T. P., *see* Merkt, F.
SOMOZA, A. M., and TARAZONA, P.: Density functional theory of the elastic constants of a nematic liquid crystal, 911
SONNENBURG, J., KREMP, D., and SÄNDIG, R.: On the density dependence of the self-diffusion coefficient of interacting Brownian particles, 873
SØRENSEN, O. W., *see* Schulte-Herbrüggen, T.
SPEEDY, R. J., and REISS, H.: A computer simulation study of cavities in the hard disc fluid and crystal, 1015
SPEEDY, R. J., and REISS, H.: Cavities in the hard sphere fluid and crystal and the equation of state, 999
SRIVASTAVA, S., and VISHWAMITTAR: Energies of oscillators with mixed quartic and sextic anharmonicities, 1285
STEINER, TH., SAENGER, W., and LECHNER, R. E.: Dynamics of orientationally disordered hydrogen bonds and of water molecules in a molecular cage. A quasielastic neutron scattering study of β-cyclodextrin · $11H_2O$, 1211.
STETTER, M., MAULWURF, M., and MÜLLER, A.: Dynamics of methyl groups in pyrimidine 5-yl radicals studied by ENDOR spectroscopy, 607
STONE, A. J., *see* Bone, R. G. A.
STRATY, G. C., PIEPER, J., and HANLEY, H. J. M.: Contrast matched studies of a sheared binary colloidal suspension, 241
STREHLE, F., DORFMULLER, TH., and SAMIOS, J.: Concentration effects on collision-induced depolarized Rayleigh lineshapes in CS_2/CCl_4 mixtures, 993
TABISZ, G. C., *see* El-Sheikh, S. M.
TAJIMA, Y., *see* Morishige, K.
TALBOT, J., SCHAAF, P., and TARJUS, G.: Random sequential addition of hard spheres, 1397
TANG, Z., *see* Mier-y-Teran, L.
TARAZONA, P., *see* Somoza, A. M.
TARJUS, G., *see* Talbot, J.
TERZIS, A. F., *see* Photinos, D. J.
THEODOROU, D. N., *see* Dodd, L. R.
THOMAS, R. K., *see* Clarke, S. M.
THOMAS, R. K., *see* Inaba, A.
THOMAS, R. K., *see* Morishige, K.
TORIUMI, H., *see* Photinos, D. J.
TOWLE, J. P., *see* Petri, M.
TOXVAERD, S.: Algorithms for canonical molecular dynamics simulations, 159
TRULLÀS, J., *see* Padró, J. A.
ULIVI, L., *see* El-Sheikh, S. M.
URBAN, W., *see* Petri, M.
URBAN, W., *see* Havenith, M.

VANDER AUWERA, J., *see* Herman, M.
VAN LEEUWEN, J. M. J., *see* Nijmeijer, M. J. P.
VAN SWOL, F., *see* Marconi, U. M. B.
VAN SWOL, F., *see* de Miguel, E.
VASI, C., *see* Maisano, G.
VEGA, C., and LAGO, S.: Structural study of the angle-averaged soft Kihara potential for linear molecular models. A test of perturbation theory, 215
VENUTO, S., *see* Maisano, G.
VESOVIC, V., *see* McCourt, F. R. W.
VIJ, J. K., GROCHULSKI, T., KOCOT, A., and HUFNAGEL, F.: Complex permittivity measurements of acetone in the frequency region 50–310 GHz, 353
VISHWAMITTAR, *see* Srivastava, S.
VOS, I., *see* Ceulemans, R.

WAKEHAM, W. A., *see* McCourt, F. R. W.
WEISS, S.: Simulation of gas phase collision-induced spectra and quadrupole-induced spectra including ternary effects, 987
WHITE, H. S., *see* Mier-y-Teran, L.
WHITTLE, M., and MASTERS, A. J.: Liquid crystal formation in a system of fused hard spheres, 247
WINNEWISSER, G., *see* Saleck, A. H.
WOJCIECHOWSKI, K. W., *see* Brańka, A. C.
WOJCIECHOWSKI, K. W.: Elastic constants of the hard disk system in the self-consistent free volume approximation, 955
WOLIŃSKI, K., SADLEJ, A. J., and KARLSTRÖM, G.: Molecular quadrupole moments, 425

YAMADA, K. M. T., *see* Saleck, A. H.
YARWOOD, J., *see* Shelley, V.
YETHIRAJ, A., and HALL, C. K.: Square-well diatomics: bulk equation of state, density profiles near walls, virial coefficients and coexistence properties, 619
YOSHIMURA, Y., *see* Kimura, Y.
YOUNG, N. A., *see* Beattie, I. R.

ZHAO, Y., *see* Francisco, J. S.
ZIMMERMANN, W., *see* Petri, M.